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TO:	Examiner S. A. Gebremariam	FAX NO.:	1-703-872-9306
FROM:	Kenneth N. Nign	ADMIN. ASST.:	Tonya M. Berger
APPLN. NO.:	09/942,835	ATTY. DOCKET NO.:	SAR 14108
TITLE OF APPLN.: CCD IMAGER CONSTRUCTED WITH CMOS FABRICATION TECHNIQUES AND BACK ILLUMINATED IMAGER WITH IMPROVED LIGHT CAPTURE			
FILING DATE:	August 30, 2001	ART UNIT:	2811
FIRST INVENTOR:	John Tower et al.	CONF. NO.:	9999
TITLE OF DOCUMENT (and List of Attachments): Transmittal, Fee Transmittal in duplicate, PTO-2038, RCE Transmittal, Amendment (pgs.)			

Total Number of Pages: 25 (including this form)**COMMENTS****CONFIDENTIAL AND PRIVILEGED ATTORNEY/CLIENT INFORMATION**

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PTO/SB/21 (04-04) (AW 06/2004)

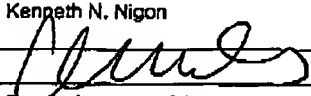
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/942,835
	Filing Date	August 30, 2001
	First Named Inventor	John Tower et al.
	Art Unit	2811
	Examiner Name	Samuel A. Gebremariam
	Attorney Docket No.	SAR 14108
Total Number of Pages in This Submission 24		

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)
<input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s)	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): RCE Transmittal and PTO-2038
<input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Request for Refund	
	<input type="checkbox"/> CD, Number of CD(s) _____	
Remarks:		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT			
Firm or Individual Name	Kenneth N. Nigon	Registration No. (Attorney/Agent)	31,549
Signature			
Date	September 17, 2004		

CERTIFICATE OF TRANSMISSION / MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Tonya M. Berger		
Signature		Date	September 17, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

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FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 770

Complete if Known

Application Number 09/042,835
Filing Date August 30, 2001
First Named Inventor John Tower et al.
Examiner Name Samuel A. Gebromariam
Art Unit 2811
Attorney Docket No. SAR 14108

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit Card ☐ Money ☐ Other ☐ None
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☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** = 0	X	0
Multiple Dependent	-3** = 0	X	0

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2)

(\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or both	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for oral examination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,490	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavailability	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	770
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$) 770

SUBMITTED BY

Name (Print/Type)	Registration No. Attorney/Agent	Telephone	Date
Kenneth N. Nigon	31,548	(610)407-0700	September 17, 2004
Signature			

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PTO/SB/17 (10-03) (AW 12/2003)

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**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 770**Complete if Known**

Application Number	09/942,835
Filing Date	August 30, 2001
First Named Inventor	John Tower et al.
Examiner Name	Samuel A. Gebremariam
Art Unit	2811
Attorney Docket No.	SAR 14108

METHOD OF PAYMENT (check all that apply)☐ Check ☒ Credit Card ☐ Money ☐ Other ☐ None☒ Deposit Account (use as backup only):Deposit Account Number
18-0350Deposit Account Name
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☒ Charge any additional fee(s) or any underpayment of fee(s)
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	180	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

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-20**			0	0	0
-3**			0	0	0
					0

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
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1204	86	2204	43	Reissue independent claims over original patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$) 0

**or number previously paid, if greater; For Reissues, 500 above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	2053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
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1807	50	1807	50	Processing fee under 37 CFR 1.17(g)	
1808	180	1808	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	770
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$) 770

SUBMITTED BY

Name (Print/Type)

Kenneth N. Nigon

Registration No. Attorney/Agent

31,549

Signature

Complete (if applicable)

Telephone

(610)407-0700

Date

September 17, 2004

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PTO/SB/30 (09-03) (AW 10/2003)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**Request for
Continued Examination (RCE)
Transmittal**Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Application Number	09/942,835
Filing Date	August 30, 2001
First Named Inventor	John Tower et al.
Art Unit	2811
Examiner Name	Samuel a. Gebremariam
Attorney Docket No.	SAR 14108

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. **Submission required under 37 CFR 1.114** Note: If the RCE is proper, any previously filed un-entered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed un-entered amendment(s) entered, applicant must request non-entry of such amendment(s).

- a. ☐ Previously submitted. If a final Office Action is outstanding, any amendments filed after the final Office Action may be considered as a submission even if this box is not checked.
- i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on ____.
- iii. ☐ Other ____.
- b. ☒ Enclosed
- i. ☒ Amendment/Reply
- iii. ☐ Information Disclosure Statement (IDS)
- ii. ☐ Affidavit(s)/Declaration(s)
- iv. ☐ Other ____.

2. **Miscellaneous**

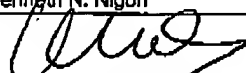
- a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of ____ months. (Period of suspension shall not exceed 3 month; fee under 37 CFR 1.17(i) required)
- b. ☐ Other ____.

3. **Fees**

- The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
- a. ☐ The Director is hereby authorized to charge any underpayment, or credit any overpayments, to Deposit Account No. ____.
- i. ☒ RCE fee required under 37 CFR 1.17(e).
- ii. ☐ Extension of Time fee (37 CFR 1.136 and 1.17).
- iii. ☐ Other ____.
- b. ☐ Check in the amount of \$ ____ is enclosed.
- c. ☒ Payment by credit card (Form PTO-2038 enclosed)

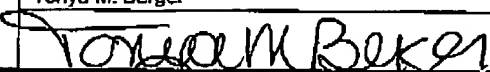
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print/Type)	Kenneth N. Nigon	Registration No. (Attorney/Agent)	31,549
Signature		Date	September 17, 2004

CERTIFICATE OF MAILING OR TRANSMISSION

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Name (Print/Type)	Tonya M. Berger	Date	September 17, 2004
Signature			

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PAGE 5/25 * RCVD AT 9/17/2004 3:34:41 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/1 * DNIS:8729306 * CSID:6104070701 * DURATION (mm-ss):07:48